Reviewer’s report

Title: Sphingobacterium spiritivorum Bacteremia due to Cellulitis in an Elderly Patient with Chronic Obstructive Pulmonary Disease and Congestive Heart Failure

Version: 0 Date: 20 Aug 2017

Reviewer: Valirie Agbor

Reviewer's report:

1. Do you believe the case report is authentic?

Yes

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript.

Comments: I have no ethical issues with the manuscript.

3. Does the Introduction explain the relevance of the case to the medical literature?

No

4. Does the article report the following information? Where information is missing, please specify.

a. The relevant patient information, including:
   - De-identified demographic information (age, gender, ethnicity)
   - Main symptoms of the patient
   - Medical, family and psychosocial history
   - Relevant past interventions and their outcomes

b. The relevant physical examination findings
c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at $T = 0$, follow up at $T = 1$ month.

d. Diagnostic assessments, including:
   - Diagnostic methods
   - Challenges (e.g., financial, language/cultural)
   - Reasoning and prognostic characteristics (e.g., staging), where applicable

e. Types and mechanism of intervention

All the aforementioned information were provided by the authors.

f. A summary of the clinical course of all follow-up visits

Comments: This information has been provided by the authors.

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?

Comments: Yes

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.

Yes

7. Is the Abstract representative of the case presented?

Comments: Yes

8. Does the case represent a useful contribution to the medical literature?

Comments: Yes
The authors report of case Sphingobacterium spiritivorum Bacteremia due to Cellulitis in an Elderly Patient with Chronic Obstructive Pulmonary Disease and Congestive Heart Failure. The etiologic agent was identified after culture in blood agar, and demonstrated sensitivity to Levofoxacin and Sulfamethoxazole/Trimethoprim. The patient was treated with Levofoxacin with favourable outcome.

I have a few concerns.

1. The authors should clearly state the objective of their case report as Sphingobacterium spiritivorum causing bacteremia in humans is no longer news in literature.

2. The authors should mention the route of administration, dose, duration and frequency of treatment administered to the patient.

3. The manuscript needs proofreading by a native English speaker.

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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I declare no conflict of interest.

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